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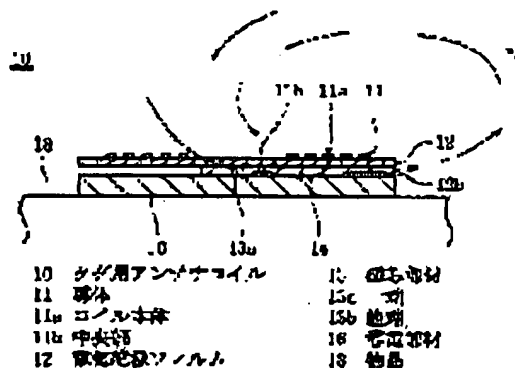
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(54) ANTENNA COIL FOR TAG AND TAG FOR RFID USING IT

(57)Abstract:

**PROBLEM TO BE SOLVED:** To make an antenna coil surely operate even in tight contact with a metallic article and to greatly reduce the thickness of the antenna coil in production.

**SOLUTION:** This antenna coil is provided with a coil main body 11a constructed of a conductor 11, which is wound into a spiral on the plane, and a plate/sheet type magnetic core member 13 stuck to one face of the coil main body 11a so that one end 13a is positioned in a center part 11b surrounded by the coil main body 11a while the other end 13b is positioned on the outside of the coil main body 11a across a part of the coil main body 11a. The coil main body 11a is formed by winding the conductor 11 spirally on one main face of an electrical insulating film/sheet 12, while the magnetic core member 13 is layered on the other main face of the electrical insulating film/sheet 12. The magnetic core member 13 is desirably formed by applying ink/paint including magnetic powder onto the other main face of the



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electrical insulating film/ sheet and drying it.

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